CODE & PIXELS

Values, People, Experience & Technology

Leader in IETM Technology

13TH ANNIVERSARY 2012 - 2025

What is S1000D?

WE MEASURE OUR SUCCESS BY OUR CLIENT SUCCESS

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What is S1000D?

S1000D is the European standard of technical publications or technical documentation being followed in Aerospace since 1980, which uses CSDB, a Common source database and XML-based, modular framework which is used for preparing, managing, and publishing technical information for a warship, Aerospace, Defence Industries or even Civil airlines that Association of Europe (ASD), S1000D XML enables the creation of platform-independent, standardized manuals that support complex technical assets throughout their lifecycle.

S1000D IETP and IETM Solutions

S1000D aligned with interactive electronic technical publications (IETPs) are perfect for OEM manuals, combat manuals, and aircraft technical manuals. s1000d software gives aircraft manufacturers and defense contractors total flexibility by supporting several S1000D versions.

S1000D XML Authoring

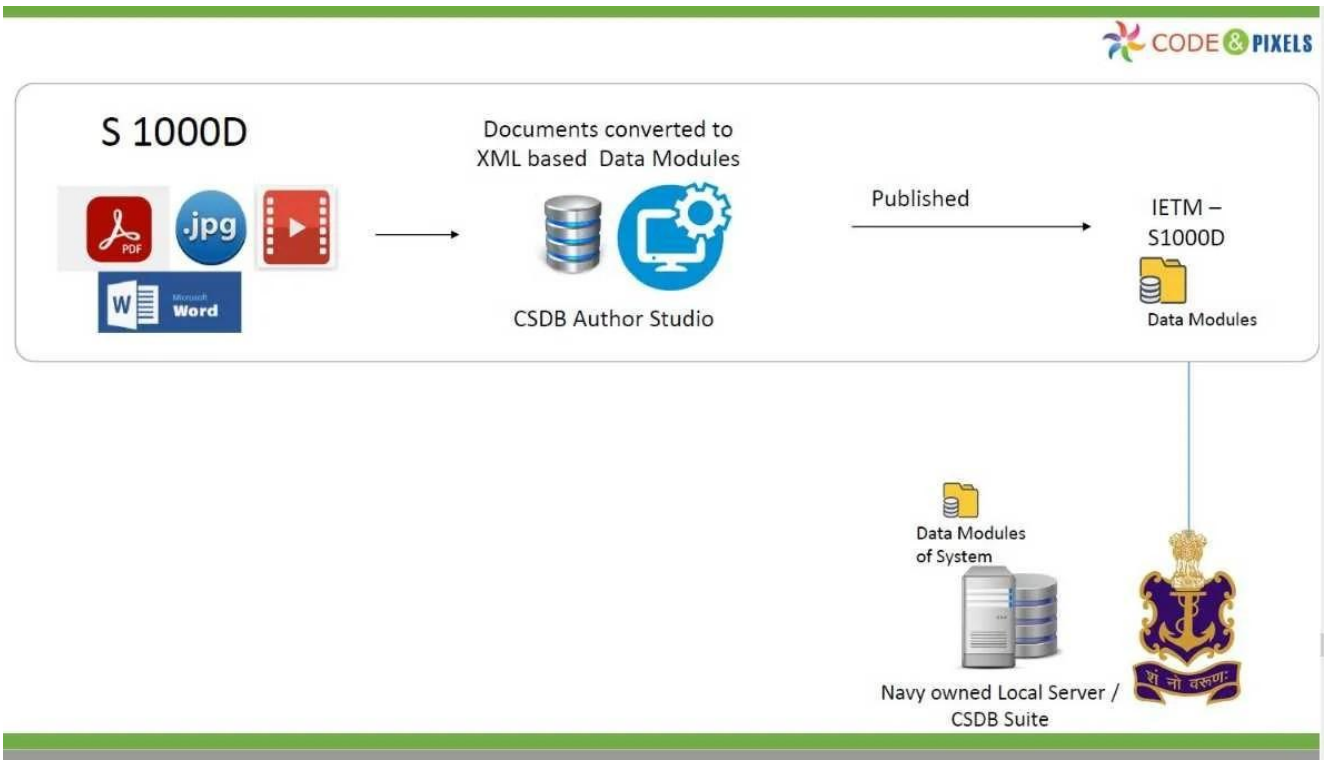
The technical authoring team is skilled in creating structured S1000D XML data modules (DMs) for multiple publications. We guarantee the highest standards of consistency and accuracy whether you're writing a technical publication for a multi-platform aircraft or an operating manual for a combat system.

Technical Publications in Aviation & Aerospace

We support the end-to-end lifecycle of technical publications in aviation, ranging from:

- Technical manuals for aircraft
- Combat system maintenance manuals
- Handbooks for ground support and flight crew
- Operating manuals for avionics systems
- Training and simulation manuals

Every piece of information is created to satisfy the exacting specifications of Indian defense documentation standards, MIL-SPEC, and S1000D.



S1000D and its basic principle

- Content or data produced following the standard is in Data Module
- This data module is the smallest and self-contained content or data unit within a technical publication
- A data module must have sense and meaning when viewed without any supporting data other than images and diagrams
- These data modules will be stored and managed in CSDB, Common Source DataBase
- Using this CSDB we can publish output in a page-oriented or Interactive Electronic Technical Manual
- These Individual data modules are re-usable components and can be used repeatedly in an output.

Benefits of S1000d?

- Reusability of data hence reduces production cost
- Standardization of data and naming conventions
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- Good for legacy data conversion
- Proper documentation and version control management
- Zero printing cost and zero occupancies of space as no Hard copies are to be maintained. Achieved by reusing instead of recreating information each time it is required
- Easily to maintain and distribute: Facilitates transfer of information and electronic output between systems very easily and conveniently
- Multiple Vendor support
- Fastest reference to operator or maintainer than traditional paper-based documents
- Many different output forms can be generated from a single data source i.e. from CSDB we can generate IETM and also PDF format which can be used for printing if need be
- Customized Output creation: Allows sub-sets of information to be generated to meet specific user needs and user levels.

The major advantages of s1000d

- let's say each ship is built by has 100 OEMs and all 100 OEMs supply IETMS in different formats, then it will be difficult to maintain uniformity.
- If all 100 vendors give navy s1000d IETMs then all the IETMs will almost in a similar format.
- To achieve this, the Navy must have an S1000d CSDB server with them to host all OEMs received by various vendors.
- If the Navy does not have an S1000d CSDB Server with them, then the purpose and benefits of S1000d cant be achieved

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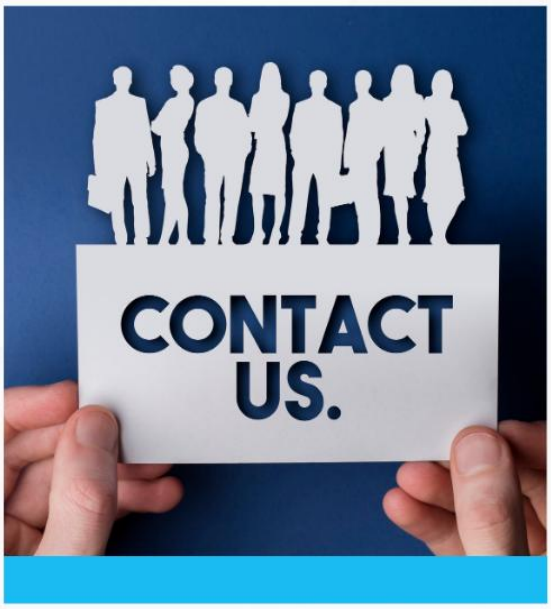

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Thank You

We are Just a Call away